



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MASSARA, A. et al.

Atty. Ref.: 2490-17

Serial No. 10/070,619

Group: 2881 ✓

Filed: March 8, 2002

Examiner: Unassigned

For: SEMICONDUCTOR LASER DIODE WITH A DISTRIBUTED
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August 19, 2003

Commissioner for Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

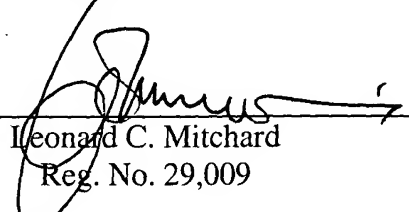
Attached is a completed Form PTO-1449 listing references in connection with this application. Also enclosed is a copy of each of those references, along with the Search Report which issued on the corresponding British Application No. 9921445.4.

The Examiner is requested to initial the attached PTO-1449, and to return a copy of the initialed document to the undersigned as an indication that the listed references have been considered and made of record.

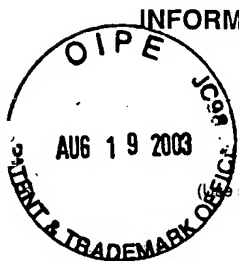
Respectfully submitted,

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**INFORMATION DISCLOSURE
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ATTY. DOCKET NO.

SERIAL NO.

2490-17

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APPLICANT

MASSARA, A. et al.

FILING DATE

GROUP

March 8, 2002

2881

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,873,691	10/1989	Uomi et al			
	4,856,017	08/1989	Ungar			
	5,982,804	11/1999	Chen et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
2 280 308 A	01/1995	GB			
0 887 668 A1	12/1998	EP			
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0 276 071 A2	07/1988	EP			
0 263 690 A2	04/1988	EP			
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

✓	Massara, A.B. et al; "Mode-hop-free, single-mode operation of 2D-lattice distributed reflector laser under 2.5Gb/s modulation"; Electronics Letters, Vol. 36, No. 2, pp. 141-2; 2000.
✓	Miller, L.M et al.; "A Distributed Feedback Ridge Waveguide Quantum Well Heterostructure Laser"; IEEE Photonics Technology Letters; Vol. 3, No. 1, pp. 6-8; 1991.
✓	Han, H. et al; "Two-Dimensional Rectangular Lattice Distributed Feedback Lasers: A Coupled-Mode Analysis of TE Guided Modes"; IEEE Journal of Quantum Electronics; No. 11; pp. 1947-1954; 1995.
✓	Massara, A.B. et al; "10Gb/s Single-Mode Operation of 2D-Lattice Distributed Reflector Laser"; ECOC 2000; Paper 3-3-5; Munich, 2000.
✓	Masahiro, I. et al; "Semiconductor Lasers with One-and Two-Dimensional Air/Semiconductor Gratings Embedded by Wafer Fusion Technique"; IEEE Journal of Selected Topics in Quant.; pp. 650-663; XP-000930544.
✓	Bullock, D.L. et al; "Photonic band structure investigation of two-dimensional Bragg reflector mirrors for semiconductor laser mode control"; J. Optical Society of America Am. B.; Vol. 10, No. 2; pp. 399-403; XP 000606814.
✓	Watanabe, Y. et al; "Laterally Coupled Strained MQW Ridge Waveguide Distributed-Feedback Laser Diode Fabricated by Wet-Dry Hybrid Etching Process"; IEEE Photonics Technology Letters, Vol. 10, No. 12, 1998; pp. 688-690; XP-000802155.
✓	Toshihiko, M.; "Semiconductor Laser Element"; Patent Abstracts of Japan; 02143581; 01/06/90.
✓	Kiyobumi, C.; "Non-Regrowth Distribution Feedback Ridge Type Semiconductor Laser and its Manufacture"; Patent Abstracts of Japan; 10098235; 04/14/98.
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*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.